

We Claim:

1. A speaker system comprising:
5 a first loudspeaker enclosure characterised by a first frequency response having an anti-resonance; and

at least one further loudspeaker enclosure that is smaller than said first
10 loudspeaker enclosure and is characterised by a further frequency response having a resonance that overlaps and compensates for said anti-resonance, such that said first and further speaker enclosures provide a flat combined frequency response.
2. The speaker system of claim 1, wherein at least one of said first and further
15 loudspeaker enclosures is ported to provide enhanced low frequency response.
3. The speaker system of claim 1, wherein each of said first and further speaker enclosure comprises a front cover with an opening, an acoustically transparent grill mounted in said opening, a loudspeaker, a gasket for securing said grill in place and
20 supporting said loudspeaker, and a rear cover defining an airtight enclosure of predetermined volume.
4. The speaker system of claim 3, wherein said at least one of said first and further loudspeaker enclosures further includes a bass-reflex port in said rear cover.
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5. The speaker system of claim 4, wherein the predetermined volume of said first loudspeaker enclosure is 60 cc and the predetermined volume of said further loudspeaker enclosure is 25 cc.
- 30 6. The speaker system of any one of claims 1 to 5, further including a digital signal processor for separating high frequency portions of said first and further frequency responses in order to provide stereo audio.